

US EPA RECORDS CENTER REGION 5



487132

**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

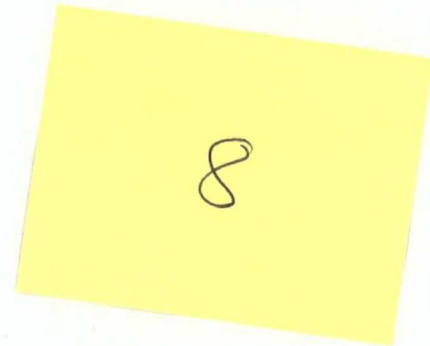
**USEPA: P 254 180 080**

**MDEQ: P 254 180 081**

October 1, 1998

Mr. Duane Heaton  
Remedial Project Manager  
CERCLA Enforcement Section  
U.S. Environmental Protection Agency  
230 South Dearborn Street  
Chicago, Illinois 60604

Ms. Beth Vens  
Environmental Quality Analyst  
Michigan Department of Environmental Quality  
38980 Seven Mile Road  
Livonia, Michigan 48152-1006



Subject: BASF Corporation Riverview Site Inspection Report  
Riverview, Michigan

Please find enclosed the Spring 1998 inspection report for the BASF Corporation Riverview Site. Submittal of this report is required by Consent Decree No. 80-73699 of July 1984.

Please feel free to call me at 734-324-6209 with any questions.

Sincerely,

Thomas F. McGourty  
Manager, Quality and Ecology Services

Enclosure

cc: J. Gerlach  
J. Lanigan

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JEFF CARNER  
CHARLIE ANDERSON

## MAINTENANCE WORK ORDER

Planning Group: YRD

Work Center: YARDTEAM GROUND WATER ETC

Start Date: 05/12/1998 End Date: 05/12/1998 Revision:

*Due 5-30-98*

WBS Element :

Work Order : 100009424 1490M6.RTE RIVERVIEW PROPERTY ABC Indicator: Desc.

Notification Number :

Functional Location : WYAN-YARD-IDLE-RVIEW RIVERVIEW PROPERTY

Equipment :

Assembly :

Priority: 6 Prev. Maint. Maintenance Plan: 4446

Maintenance Item: 5468

OPERATION

0010

Desc : 1490M6.RTE RIVERVIEW PROPERTY

Work center

YARDTEAM

GROUND WATER ETC

Number of People: 0

Duration: 0.0

Total Hours: 0.0

### MATERIAL ITEMS :

Material Item

Description

Quantity

Location

Return Qty

Unloading Point

Reservation #

PO#

PR#

Reqmnts date

### Work Order Actuals :

Operation Person

Hours

0010

Equip. Dismantled : \_\_\_\_\_

Equip. Installed : \_\_\_\_\_

Internal Shop Repair ☐

External Shop Repair ☐

Comments:

Approval for Closure:

*John Perdue*

Date : 6/5/98

Date : \_\_\_\_\_

FOLDER NUMBER: 1490M6.RTE

Inspection Date:

5-18-98

Agency Report Date: \_\_\_\_\_

AGENCY REPORT IS DUE WITHIN TWO WEEKS AFTER INSPECTION.

UPON REVIEW AND APPROVAL, RETURN THIS PM TO ECOLOGY FOR PREPARATION OF PRINTED REPORT AND FILING BY SITE ENGINEERING.

This PM requires the inspector to look at many things and walk or drive over a large area. The inspector should read this PM completely prior to making the inspection so that no wasted effort has to occur "Going Back".

## I. Inspect entire fence.

I.A. Make a list of any broken barbed wire, broken or deformed fence, bent or damaged fence posts or rails, gate hinges, locks, etc.

A. Fence must be completely intact, including 3 strands of barbed wire on top. All gates must be locked.

Observation: It's OK

Response: \_\_\_\_\_

B. Inspect signs on fence. Signs must face outward from property. The signs must be spaced at 100' intervals on all four sides of the property. The signs must be in good condition with 1-1/2" high letters.

I.B. 1. Are signs spaced every 100 ft.? Yes ☒ No ☐

2. Make a list of missing, rusted, bent, illegible, etc., signs.

WARNING

KEEP OUT

MANAGED INDUSTRIAL WASTE DISPOSAL AREA

Observation: ALL IN TACT.

Response: \_\_\_\_\_

## II. Inspect vegetation from Jefferson/to the water and from the common property line with Firestone to the municipal ramp.

A. Look for any "bare" areas (spots or areas which do not have plant life growing).

II.A. List "bare" areas. Describe size and location of bare spot.

Observation: LARGE BARE SPOT ONResponse: WEST side ~~of~~ ofFence line.  
Things to Review

B. Measure the height of the vegetation. As the vegetation is measured, look for areas where growth is stunted.

II.B. List the "average" height of the vegetation.

Observation: Looks like it was just cut  
ABOUT 6"

Response: \_\_\_\_\_

III. Inspect the shoreline for stability.

III. List any shoreline erosion, washing, other deterioration or accumulation of debris.

Observation: A few areas by fence line  
where there is no growth.

Response: \_\_\_\_\_

IV. Review the integrity of the compacted clay cover.

A. Inspect the entire area for the physical condition of the surface.

IV.A. List any erosion, standing pools of water, weathering, change in drainage patterns, etc.

Observation: NO STANDING water <sup>due</sup> to temp.  
and lack of rain.

Response: \_\_\_\_\_

B. Look for any deep-rooted vegetation (trees or other plant life which might or does have tap roots). Any vegetation which is taller than surrounding vegetation should be considered deep-rooted.

IV.B. List deep-rooted vegetation.

Observation: NONE

Response: \_\_\_\_\_

V. Inspect the berm which is constructed along the common property line with Firestone. This berm is constructed to eliminate water flowing from the Firestone property onto the site.

V. Is the berm at least 6 inches above the level of the Firestone property at the property line?

Yes ☒ No ☐

Is there any evidence of  
water flowing from the Fire-  
stone property onto the site?

Yes \_\_\_ No \_\_\_

VI. Inspect the two concrete drainage ditches on the site,  
one through the center and one at the northeast corner.

VI.A. List any cracks in the con-  
crete, leaking through the  
cracks. accumulated debris,  
standing water, etc.

A. Look at overall condition of the ditches.

Observation: Definite Accumulation of  
Debris + Black water could not tell if there were any cracks,  
Response: Will have all joints sealed by 8/1/98

B. There are thirty (30) joints in the center ditch.  
Note condition of each joint. Is joint in place or is  
it protruding above the surface of the concrete? Is  
the joint leaking? If there is standing water at the  
joint, is it clear or off color?

VI.B. List condition of each joint.

Joint 1:

Observation: Looks OK - Filled w/ grass

Response: \_\_\_\_\_

Joint 2:

Observation: Grass Covered

Response: \_\_\_\_\_

Joint 3:

Observation: CUT GRASS covered

Response: \_\_\_\_\_

Joint 4:

Observation: Grass Covered

Response: \_\_\_\_\_

Joint 5:

Observation: grass growing → Dead vegetation around joint  
in the middle of joint

Response: \_\_\_\_\_

Joint 6:

Observation: Grass covered  
and discolored water in it.

Response: \_\_\_\_\_

Joint 7:

Observation: grass covered, grass  
growing in middle of it.

Response: \_\_\_\_\_

Joint 8:

Observation: Filled w/ grass + H<sub>2</sub>O  
Dead small

Joint 9:

Observation: H<sub>2</sub>O looks Black  
and it stinks

Response: \_\_\_\_\_

Joint 10:

Observation: grass & H<sub>2</sub>O Filled  
Strong odor

Response: \_\_\_\_\_

Response: \_\_\_\_\_

Joint 11:

Observation: BAD smell, BLACK  
water & grass

Response: \_\_\_\_\_

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each joint.

Joint 12:

Observation: Smells Bad  
Filled w/Grass & H<sub>2</sub>O

Response: \_\_\_\_\_

Joint 13:

Observation: Smells Bad  
Filled w/Grass & H<sub>2</sub>O

Response: \_\_\_\_\_

Joint 14:

Observation: Smells Bad  
Grass & Black H<sub>2</sub>O

Response: \_\_\_\_\_

Joint 15:

Observation: Smells Bad  
Black H<sub>2</sub>O & Grass

Response: \_\_\_\_\_

Joint 16:

Observation: Smells Bad  
Black H<sub>2</sub>O, Grass

Response: \_\_\_\_\_

Joint 17:

Observation: Smells Bad

Response: Black H<sub>2</sub>O & Grass

Joint 18:

Observation: Smells Bad  
Black H<sub>2</sub>O & Grass.

Response: \_\_\_\_\_

Joint 19:

Observation: Smells Bad, Grass  
Black H<sub>2</sub>O

Response: \_\_\_\_\_

Joint 20:

Observation: Black water, Stinks  
Filled w/Grass & Debris

Response: \_\_\_\_\_

Joint 21:

Observation: Smell Bad, Sticks, Grass

Joint 22:

Observation: Smells Bad  
Black ~~H~~ H<sub>2</sub>O.

Response: \_\_\_\_\_

Joint 23:

Observation: smells bad, Black H<sub>2</sub>O  
and Grass

Response: \_\_\_\_\_

Joint 25:

Observation: smells bad, Grass  
& Black H<sub>2</sub>O

Response: \_\_\_\_\_

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint 27:

Observation: Grass, sticks and  
stinky Black H<sub>2</sub>O

Response: \_\_\_\_\_

Joint 29:

Observation: DEBRIS - major  
grass & sticks

Response: \_\_\_\_\_

There are four (4) joints in the north ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint B:

Observation: Filled w/ GRASS

Response: \_\_\_\_\_

Response: \_\_\_\_\_

Joint 24:

Observation: contains grass clippings,  
Black Water, nasty smell

Response: \_\_\_\_\_

Joint 26:

Observation: Grass & Black water  
stinks.

Response: \_\_\_\_\_

VI.B. List condition of each joint.

Joint 28:

Observation: Grass, sticks &  
Black H<sub>2</sub>O with an odor.

Response: \_\_\_\_\_

Joint 30:

Observation: DONT Look like  
Dirty H<sub>2</sub>O, stinks and it's

Response: \_\_\_\_\_

Joint A:

Observation: Filled w/ GRASS

Response: \_\_\_\_\_

Joint C:

Observation: Filled w/ GRASS

Response: \_\_\_\_\_

DEFINITE Discolor  
Difference from where it  
hits the river, oily  
Texture

Samples sent to Research  
Services on 5-19-98.

Black

Joint D:

Observation: Filled w/ grass, sticks  
and debris

Response: \_\_\_\_\_

VII. Inspect each of the nine (9) monitoring wells for integrity.

VII. List any problems with the wells.

Observation: ALL look OK

Response: \_\_\_\_\_

Upon completion of this PM, it must be routed for signature/comments as indicated on page 1.

Inspected by: Jeffrey A. Hansen

Date Inspected: 5/28/98

PM Reviewed and Response initiated by: John F. Berland

Date: 6/5/98